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CONVAIR  
A Division of General Dynamics Corporation  
(San Diego)

DESIGN INFORMATION BULLETIN

CONVAIR REPORT NO. ZM-22-005

MODEL 22 AIRPLANE

"SHIMMERING GOLD" FINISH

RECEIVED

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ENG'R.  
PRE-DESIGN DATE: 11-26-56

Ref. (a) TWA Letter of Agreement No. 13  
(b) Delta Letter of Agreement No. 16

In the early public announcements of the Model 22, it was stated that the Aircraft would be constructed with an external metallic finish of "Shimmering Gold". This finish is not called for in the detail specification of the airplane since it is not sufficiently developed. However, the referenced agreements require that we pursue the developments of this finish and keep TWA and Delta advised. These agreements are quoted in part as follows so that everyone included may be aware of our obligation:

"After extensive investigation and study in collaboration with the metal industry, Convair has reached the conclusion that, while existing processes and techniques are promising, they are not sufficiently advanced at this time to warrant provision for such a metallic finish in the Detail Specification Report. Convair agrees, nevertheless, to pursue, in collaboration with the metal industry, the feasibility of producing the Aircraft with an external finish of "shimmering gold", which finish must be full color matched, "non-bleeding" and durable; and if found to be so feasible, Convair will submit to you a proposal including the cost thereof for the utilisation of such material in the construction of the Aircraft.

If the parties do not agree to the utilization of such metallic finish in time to meet the delivery dates set forth in the Purchase Agreement, Convair agrees to provide an external finish to your specification consisting of white paint and customary insignia with appropriate weight adjustment therefor."

Please note that there will be a weight adjustment for the white paint on the outside of the airplane.

*R. R. Hoover*

R. R. Hoover  
Chief Design Engineer

*B. J. Simons*

B. J. Simons  
Senior Project Engineer